

IAP7 Rec'd PCT/PTO 30 JAN 2006

Docket No.: R2184.0470/P470  
(PATENT)

PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Shohichi Nitta et al.

Application No.: 10/554,404

Confirmation No.: @@@

Filed: October 24, 2005

Art Unit: N/A

For: STEP-UP/DOWN DC-DC CONVERTER

Examiner: Not Yet Assigned

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

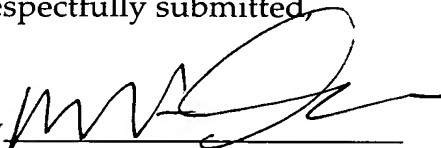
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby re-submit the Information Disclosure Statement (IDS) which was filed on October 24, 2005. The IDS was erroneously filed without Form PTO/SB/08 which is attached herewith.

Dated: January 27, 2006

Respectfully submitted

By 

Mark J. Thronson

Registration No.: 33,082

DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

2101 L Street NW  
Washington, DC 20037-1526  
(202) 785-9700  
Attorney for Applicants

JAN 30 2006



**Atty Docket No.:** R2184.0470/P470

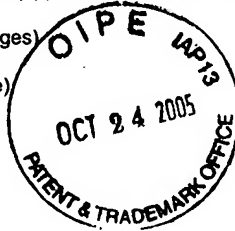
**Inventor:** Shohichi Nitta et al.

**Application No.:** NEW  
**Title:** STEP-UP/DOWN DC-DC CONVERTER

**Filing Date:** October 24, 2005

**Documents Filed:**

Transmittal Letter to the United States Designated-Elected Office (3 pages)	Written Opinion
Combined Declaration and Power of Attorney (4 pages)	Payment by credit card. Form PTO-2038 is attached (1 page)
Assignment (3 pages)	Charge \$1,140.00 to credit card
IDS (Citation) by Applicant (5 References) (*)	Drawing (6 sheets, 8 Figs)
Information Disclosure Statement (3 pages)	
Recordation Form Cover Sheet (1 page)	
International Search Report	



**Via:**

**Sender's Initials:** MJT/bh

**Date:** October 24, 2005

M.S.



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/554,404
				Filing Date	October 24, 2005
				First Named Inventor	Shohichi Nitta
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	R2184.0470/P470

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-5,914,591	06-22-1999	Hiroshi Yasuda, Hirakatashi	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	JP-2000-166223	06-16-2000			
	BB	JP-2003-070247	03-07-2003			
	BC	JP-05-275985	10-22-1993			
	BD	JP-2001-086740	03-30-2001			
	BE	EP-1 146 629 A2	10-17-2001			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--